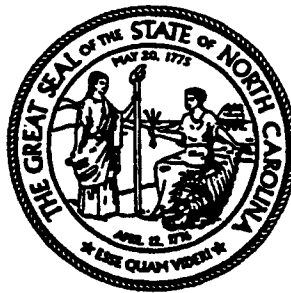


**DATA SUPPORT
BRANCH**

**Fiscal Year
2000**

Deborah Merrill, Branch Head

**NORTH CAROLINA AREA PROGRAMS
ANNUAL STATISTICAL REPORT**



prepared by: Jeannette Barham

**North Carolina
Division of Mental Health,
Developmental Disabilities and Substance Abuse Services**

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INTRODUCTION

This report is an effort to provide a baseline of data for review of trends and patterns from year to year, and to improve efforts to describe and monitor the overall patterns of services among areas, regions, and the state. It is primarily directed to Central Office staff but may also be of interest and use to the area programs. It summarizes certain data provided by the area programs. The data extract is stored in the Division of Mental Health, Developmental Disabilities and Substance Abuse Service's Client Data Warehouse (CDW).

FIGURE 1

**SELECTED INDICATORS AND PERCENT CHANGE OVER TIME
STATE TOTALS, FISCAL YEAR 2000, 1995, 1990**

INDICATORS	FISCAL YEAR			PERCENT CHANGE FY00 vs. FY95
	FY00	FY95	FY90	
Active Caseload Start of Fiscal Year	213,538	115,270	90,423	85.3%
Total Admissions	86,707	105,580	85,419	-17.9%
Total Terminations	67,937	78,302	76,428	-13.2%
Active Caseload End of Fiscal Year	232,308	142,548	99,464	63.0%
Persons Served	300,245	220,850	175,892	35.9%

Note: Persons Served data for FY00 excludes clients on inactive status

There is a noticeable decrease in the admission and termination indicators when comparing fiscal year 2000 and fiscal year 1995 data. This is primarily due to incomplete reporting to the new Client Data Warehouse.

NOTE: Includes incomplete data from Mecklenburg Area Program.

TABLE I

Client Activity and Utilization (Table I) reflects admission rates, active caseload at the beginning of the fiscal year, total admissions, terminations and the total number of persons served by area and region. There were 213,538 active cases on July 1, 1999 and 86,707 total admissions (first and readmissions combined) during the fiscal year. A total of 300,245 persons were served during fiscal year 2000 as indicated by adding first admissions to the active cases (excluding those on Inactive Status) on July 1, 1999. Graph 1 depicts the number of clients served at the Area Programs for the last ten years. There has been a consistent increase during the ten-year period, with the exception of FY00 which includes incomplete reporting by Mecklenburg Area Program.

Across the four regions admissions ranged from a low of 21.8 percent in the South Central Region to a high of 30.8 percent in the Western Region. The remaining regions averaged approximately 24 percent of admissions.

Admission rates reflect the total number of admissions to an area program during the fiscal year per 100,000 population in the catchment area. Admission rates are useful in that they allow comparisons among geographic areas as well as special population subgroups by adjusting the effects of population size. Admission rates were selected instead of utilization rates because of their greater accuracy.

The statewide admission rate was 1,119 admissions per 100,000 population. The admission rate ranged from a low of 670 per 100,000 reported by Mecklenburg* to a high of 2,260 per 100,000 population reported by Rockingham.

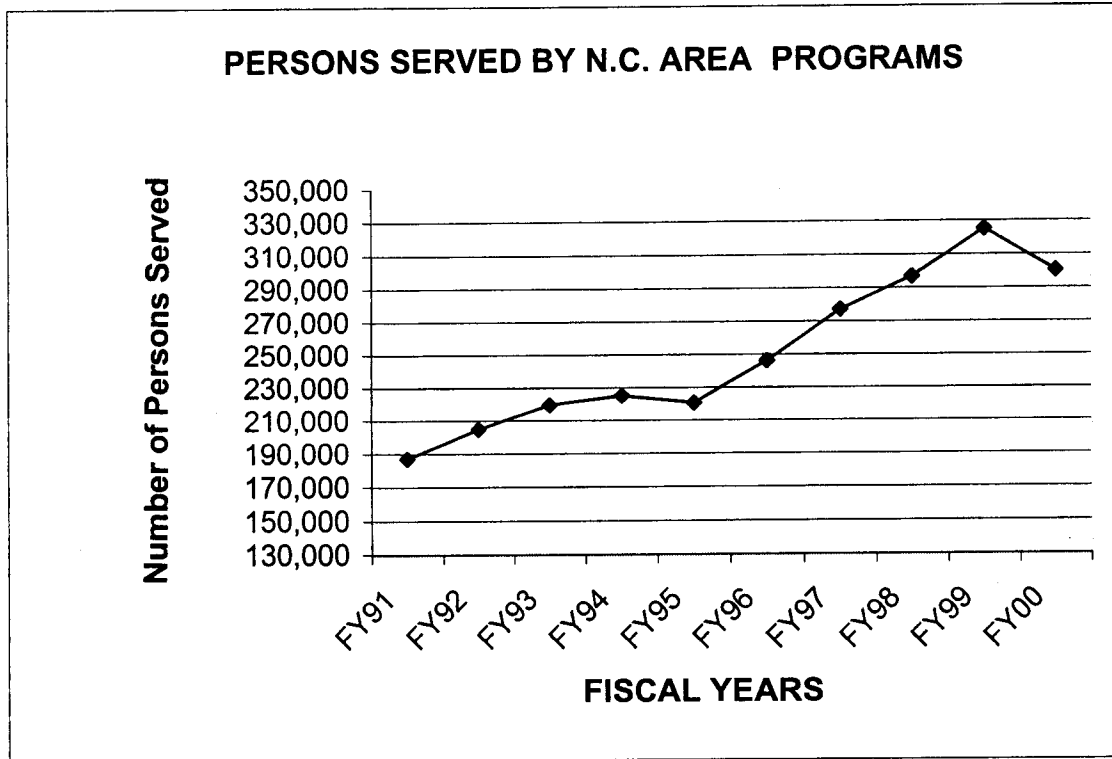
*Includes incomplete data from Mecklenburg Area Program

TABLE I
CLIENT ACTIVITY AND UTILIZATION BY AREA
NORTH CAROLINA'S 39 AREA PROGRAMS
BY REGION, FY1999-00

AREA PROGRAM	ADMISSION RATE*	ACL 07/01/1999	TOTAL ADMISSIONS	TERMINATIONS	PERSONS SERVED
<u>WESTERN REGION</u>					
SMOKY MOUNTAIN	1,845	12,228	3,021	3,774	15,249
BLUE RIDGE	1,498	5,206	3,697	3,789	8,903
NEW RIVER	1,295	3,476	2,022	286	5,498
TREND	1,273	2,490	1,423	1,449	3,913
FOOTHILLS	751	8,159	1,771	1,686	9,930
RUTHERFORD-POLK	1,321	3,359	1,022	407	4,381
PATHWAYS	1,124	6,676	3,779	911	10,455
CATAWBA	1,887	2,636	2,534	2,380	5,170
MECKLENBURG	670	17,187	4,365	1,928	21,552
PIEDMONT	715	4,532	3,031	2,479	7,563
<u>N.C. REGION</u>					
CROSSROADS	1,614	8,933	3,574	4,188	12,507
CENTERPOINT	1,057	8,830	3,957	1,652	12,787
ROCKINGHAM	2,260	1,801	2,041	1,828	3,842
GUILFORD	1,210	17,554	4,810	544	22,364
ALAMANCE-CASWELL	1,028	4,235	1,516	87	5,751
O-P-C	923	4,781	1,792	1,190	6,573
DURHAM	1,083	6,428	2,218	1,900	8,646
V-G-F-W	906	5,538	1,372	1,016	6,910
<u>S.C. REGION</u>					
DAVIDSON	1,411	2,715	2,059	1,818	4,774
SANDHILLS	1,330	3,766	2,653	2,447	6,419
SOUTHEASTERN REG.	822	8,614	1,927	1,165	10,541
CUMBERLAND	1,060	3,975	3,183	2,796	7,158
LEE-HARNETT	1,039	3,690	1,434	832	5,124
JOHNSTON	1,102	2,791	1,238	1,039	4,029
WAKE	786	5,723	4,796	2,932	10,519
RANDOLPH	1,253	3,189	1,611	4,296	4,800
<u>EASTERN REGION</u>					
SOUTHEASTERN	925	6,600	2,479	1,219	9,079
ONslow	839	3,670	1,267	1,035	4,937
WAYNE	1,288	3,266	1,497	1,235	4,763
WILSON-GREENE	1,680	5,867	1,484	635	7,351
EDGEcombe-NASH	1,235	7,364	1,799	5,447	9,163
RIVERSTONE	1,555	2,844	857	889	3,701
NEUSE	969	4,643	1,683	0	6,326
LENOIR	1,757	2,712	1,041	1,517	3,753
PITT	1,180	3,440	1,497	1,299	4,937
ROANOKE CHOWAN	1,551	4,264	1,124	838	5,388
TIDELAND	2,135	4,591	1,942	1,920	6,533
ALBEMARLE	1,668	2,870	1,925	1,882	4,795
DUPLIN-SAMPSON	1,262	2,895	1,266	1,202	4,161
STATE TOTAL	1,119	213,538	86,707	67,937	300,245

* Rate per 100,000 N. C. Population (2000 Population Estimate.)
Admission Rate = Total Admissions / Population x 100,000.
NOTE: Includes incomplete data from Mecklenburg Area Program.

GRAPH 1



This graph reflects the number of persons served by the 39 Area Programs for the time period FY1991 through FY2000. Beginning with FY94 the data reflected in Graph 1 excludes clients on inactive status which accounts for the drop in clients served. It is estimated in the next few years that increases in persons served will be reported as in previous years.

A total of 300,245 clients were served by Area Programs during FY2000 representing as 61% increase over the 186,942 during FY1991.

NOTE: Includes incomplete data from Mecklenburg Area Program.

TABLE II

Table II reflects the number of persons served in each of the Area Programs by age and disability. The age of the client was calculated as of 6-30-00 and the disability of the client was based on the DSM IV diagnosis assigned to the client.

A total of 300,245 persons were served in the Area Programs during FY00. The statistic, persons served is calculated by totaling the active caseload on July 1, of the fiscal year (excluding those clients on Inactive Status) and all admissions.

Of the 300,245 clients served, 71 percent (211,939) were mentally ill, 6 percent (17,097) were developmentally disabled, and 24 percent (71,220) were substance abusers. Within each disability the percent of children served (0-17) ranged from 2 percent (1,541) of substance abusers, to 37 percent (6,406) of the developmentally disabled. The percent of children served in the mental health category was 31 percent (64,698).

TABLE II
NUMBER OF PERSONS SERVED BY AGE DISABILITY
NORTH CAROLINA'S 39 AREA PROGRAMS
BY REGION, FY1999-00

AREA PROGRAM	PERSONS SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
<u>WESTERN REGION</u>										
SMOKY MOUNTAIN	15,249	11,204	8,320	2,884	917	345	572	3,128	3,099	29
BLUE RIDGE	8,903	5,190	3,519	1,671	880	464	416	2,833	2,703	130
NEW RIVER	5,498	4,305	2,978	1,327	292	251	41	901	892	9
TREND	3,913	3,053	2,064	989	217	161	56	643	639	4
FOOTHILLS	9,930	7,346	5,366	1,980	472	342	130	2,112	2,100	12
RUTHERFORD-POLK	4,381	3,230	2,354	876	216	173	43	935	922	13
GASTON-LINCOLN	10,455	7,503	5,281	2,222	1,014	595	419	1,938	1,877	61
CATAWBA	5,170	3,300	2,192	1,108	255	149	106	1,615	1,562	53
MECKLENBURG	21,552	16,336	12,337	3,999	1,291	883	408	3,925	3,832	93
PIEDMONT	7,563	5,281	3,229	2,052	663	505	158	1,619	1,520	99
<u>N.C. REGION</u>										
CROSSROADS	12,507	10,075	7,581	2,494	308	203	105	2,124	2,089	35
CENTERPOINT	12,787	7,180	4,529	2,651	670	474	196	4,937	4,824	113
ROCKINGHAM	3,842	2,780	1,406	1,374	184	122	62	878	837	41
GUILFORD	22,364	14,594	10,510	4,084	1,565	657	908	6,205	6,116	89
ALAMANCE-CASWELL	5,751	3,948	2,847	1,101	337	297	40	1,466	1,444	22
O-P-C	6,573	4,432	3,054	1,378	455	322	133	1,686	1,667	19
DURHAM	8,646	6,573	4,343	2,230	556	325	231	1,517	1,508	9
V-G-F-W	6,910	5,303	3,726	1,577	288	214	74	1,319	1,303	16
<u>S.C. REGION</u>										
DAVIDSON	4,774	3,379	2,279	1,100	217	172	45	1,178	1,120	58
SANDHILLS	6,419	4,278	2,407	1,871	357	292	65	1,784	1,667	117
SOUTHEASTERN REG.	10,541	7,587	5,163	2,424	565	402	163	2,389	2,364	25
CUMBERLAND	7,158	4,988	3,659	1,329	442	253	189	1,728	1,678	50
LEE-HARNETT	5,124	3,944	2,921	1,023	240	207	33	940	926	14
JOHNSTON	4,029	2,896	1,968	928	296	222	74	837	813	24
WAKE	10,519	6,588	4,684	1,904	802	423	379	3,129	3,037	92
RANDOLPH	4,800	3,541	2,281	1,260	62	43	19	1,197	1,191	6
<u>EASTERN REGION</u>										
SOUTHEASTERN	9,079	6,435	4,135	2,300	457	281	176	2,187	2,139	48
ONSLow	4,937	3,084	2,176	908	589	211	378	1,264	1,255	9
WAYNE	4,763	3,177	2,056	1,121	167	126	41	1,419	1,406	13
WILSON-GREENE	7,351	5,575	3,892	1,683	340	161	179	1,436	1,422	14
EDGEcombe-NASH	9,163	6,157	4,289	1,868	207	174	33	2,799	2,768	31
RIVERSTONE	3,701	2,807	2,008	799	200	163	37	694	686	8
NEUSE	6,326	4,418	3,100	1,318	353	232	121	1,555	1,520	35
LENOIR	3,753	2,580	1,327	1,253	143	112	31	1,030	992	38
PITT	4,937	3,529	2,338	1,191	198	118	80	1,210	1,144	66
ROANOKE CHOWAN	5,388	3,798	2,591	1,207	235	126	109	1,355	1,350	5
TIDELAND	6,533	4,658	3,376	1,282	238	188	50	1,637	1,613	24
ALBEMARLE	4,795	3,656	2,655	1,001	187	141	46	952	948	4
DUPLIN-SAMPSON	4,161	3,230	2,299	931	212	152	60	719	706	13
STATE TOTAL	300,245	211,938	147,240	64,698	17,087	10,681	6,406	71,220	69,679	1,541

NOTE: Includes incomplete data from Mecklenburg Area Program.

TABLE III

This table reflects the number of persons served in each of the five types of state inpatient facilities: four Psychiatric Hospitals, Wilson Special Care Center, five Mental Retardation Centers, three Alcohol & Drug Abuse Treatment Centers, the Whitaker School and Wright School. Data on persons served is grouped by catchment area rather than county of residence.

A total of 23,582 persons were served in all state facilities combined. One percent (308) of these clients were considered "out-of-state" residents. There were 23,273 in-state clients.

Seventy-one percent of these clients were served in psychiatric hospitals, 1.3 percent were served by Wilson Special Care Center, 9.7 percent were served by Mental Retardation Centers, 17.1 percent were served by Alcohol and Drug Abuse Treatment Centers, 0.3 percent were served by Whitaker School and 0.4 percent were served by Wright School.

Utilizations were calculated on each area's population. The overall state utilization rate was 300 per 100,000 population. Areas varied from a low of 114 per 100,000 to a high 607 per 100,000 population.

FIGURE 2

PERSONS SERVED BY TYPE INSTITUTION BY REGION OF RESIDENT, FY2000								
REGION OF RESIDENCE	TOTAL PERSONS SERVED		PERSONS SERVED BY TYPE INSTITUTION					
	RATE	NUMBER	HOSP.	WILSON	MR CTRS	ADATC'S	WHITAKER	WRIGHT
WESTERN	235	5,960	4,048	36	716	1,143	15	2
N. CENTRAL	365	6,512	4,591	54	643	1,153	17	54
S. CENTRAL	273	5,101	4,045	101	309	593	15	38
EASTERN	365	5,700	3,807	111	629	1,133	15	5
IN-STATE	300	23,273	16,491	302	2,297	4,022	62	99
OUT-STATE	N/A	308	298	0	1	9	0	0
TOTAL	300	23,581	16,789	302	2,298	4,031	62	99

Figure 2 presents this data grouped by each of the four regions. The Western Region had the the lowest combined institutional utilization rate of 235 and North Central Region and South Central Region both had the highest rate (365 per 100,000).

TABLE III
NUMBER OF PERSONS SERVED IN INSTITUTIONS AND UTILIZATION RATE*
BY RESIDENTS OF EACH OF THE 39 AREA PROGRAMS
BY REGION, FY1999-00

AREA PROGRAM	TOTAL SERVED		PERSONS SERVED BY TYPE INSTITUTION						
	UTILIZ. RATE*	NUMBER	HOSPS.	WILSON SPEC.	MR** CTRS.	ALZH. UNIT***	ADATC'S	WHITAKER	WRIGHT
<u>WESTERN REGION</u>		5,960	4,048	36	716	642	1,143	15	2
SMOKY MOUNTAIN	309	506	374	2	42	36	85	3	0
BLUE RIDGE	426	1,051	703	2	178	161	163	5	0
NEW RIVER	268	418	320	3	28	28	67	0	0
TREND	402	449	304	2	39	26	104	0	0
FOOTHILLS	373	881	655	6	89	86	129	1	1
RUTHERFORD-POLK	303	234	156	3	37	28	38	0	0
PATHWAYS	230	772	619	2	108	95	42	1	0
CATAWBA	141	189	96	1	33	31	57	2	0
MECKLENBURG	114	744	327	7	93	89	316	0	1
PIEDMONT	169	716	494	8	69	62	142	3	0
<u>N.C. REGION</u>		6,512	4,591	54	643	629	1,153	17	54
CROSSROADS	270	599	471	0	73	64	55	0	0
CENTERPOINT	174	652	448	12	125	121	61	1	5
ROCKINGHAM	607	548	343	5	30	30	169	1	0
GUILFORD	350	1,393	1,061	9	129	128	177	2	15
ALAMANCE-CASWELL	466	687	482	7	61	61	130	4	3
O-P-C	381	740	426	1	67	67	229	4	13
DURHAM	533	1,092	845	11	71	71	152	2	11
V-G-F-W	529	801	515	9	87	87	180	3	7
<u>S.C. REGION</u>		5,101	4,045	101	309	307	593	15	38
DAVIDSON	221	323	214	6	28	27	70	1	4
SANDHILLS	271	541	328	15	40	40	148	4	6
SOUTHEASTERN REG.	225	527	369	11	59	58	86	2	0
CUMBERLAND	127	380	308	4	49	49	15	2	2
LEE-HARNETT	269	372	235	7	15	15	107	2	6
JOHNSTON	222	249	179	12	21	21	30	1	6
WAKE	389	2,371	2,198	38	78	78	46	3	8
RANDOLPH	263	338	214	8	19	19	91	0	6
<u>EASTERN REGION</u>		5,700	3,807	111	629	624	1,133	15	5
SOUTHEASTERN	331	886	485	3	83	83	315	0	0
ONslow	228	345	219	2	24	24	100	0	0
WAYNE	441	513	427	15	33	33	34	3	1
WILSON-GREENE	436	385	259	36	39	39	50	1	0
EDGEcombe-NASH	413	601	441	26	65	65	65	2	2
RIVERSTONE	307	169	110	5	22	22	30	1	1
NEUSE	250	435	302	5	65	64	62	1	0
LENOIR	557	330	249	0	46	46	34	1	0
PITT	396	502	311	10	55	55	124	2	0
ROANOKE CHOWAN	242	175	107	2	41	41	24	1	0
TIDELAND	430	391	295	1	50	49	43	1	1
ALBEMARLE	298	344	176	3	40	40	123	2	0
DUPLIN-SAMPSON	385	386	270	2	48	48	66	0	0
UNKNOWN		238	156	1	18	15	63	0	0
IN-STATE TOTAL	300	23,273	16,491	302	2,297	2,202	4,022	62	99
OUT-OF-STATE TOTAL	N/A	308	298	0	1	0	9	0	0
GRAND TOTAL	333	25,783	16,789	302	2,298	2,202	4,031	62	99

* Rate per 100,000 N. C. Population (2000 Population Estimate).

Utilization = Persons served x 100,000 Population.

**Includes Alzheimer's Unit at Black Mountain Center.

***Alzheimer's Unit at Black Mountain Center

NORTH CAROLINA STATE AREA PROGRAMS

**TOTAL PERSONS SERVED FY99-00

TABLE 2-A

	TOTAL PERCENT	TOTAL NUMBER		TOTAL PERCENT	TOTAL NUMBER
TOTAL PERSONS SERVED	100.0%	300,245	TOTAL PERSONS SERVED	100.0%	300,245
<u>*AGE GROUPS</u>			<u>DIAGNOSIS (con't)</u>		
00-04	2.4%	7,322	Somatoform/Factitious	0.1%	323
05-09	5.8%	17,362	Dissociative	0.1%	165
10-14	9.5%	28,537	Sexual	0.2%	602
15-17	6.5%	19,424	Personality & Other Impulses	1.4%	4,097
18-20	5.9%	17,652	Adjustment	9.1%	27,283
21-24	6.1%	18,227	Other Nonpsychotic/Mental	0.5%	1,361
25-34	16.9%	50,701	Other Problems Not Mental	3.2%	9,533
35-44	21.1%	63,481	No Mental Disorder	0.2%	611
45-54	14.3%	42,906	Diagnosis Deferred	0.3%	864
55-64	6.4%	19,295	Unknown	10.5%	31,419
65+	5.1%	15,338			
<u>SEX</u>			<u>MARITAL STATUS</u>		
Males	53.8%	161,478	Annulled	0.8%	2,507
Females	45.5%	136,681	Divorced	10.5%	31,456
Unknown	0.7%	2,086	Married	16.2%	48,493
<u>RACE</u>			Domestic Partners	0.0%	62
Asian	0.2%	695	Separated	7.2%	21,558
Black	33.6%	100,885	Single	58.1%	174,437
White	60.1%	180,497	Widowed	2.7%	8,005
American Indian/Alaskan Native	1.5%	4,493	Unknown	4.6%	13,727
Hispanic	0.1%	234			
Other	2.1%	6,449			
Unknown	2.3%	6,992			
<u>DIAGNOSIS</u>					
Mental Retardation	4.0%	11,975			
Attention Deficit	4.7%	13,984			
Conduct	5.1%	15,245			
Autism & Pervasive Dev.	0.4%	1,336			
Specific Development	1.3%	3,776			
Other Childhood Disorders	2.5%	7,583			
Eating and Sleeping Disorders	0.1%	350			
Medication Induced	0.0%	22			
Primary Degenerative Dementia	0.3%	809			
Vascular Dementia	0.1%	388			
Substance Abuse (Drugs)	11.0%	33,126			
Alcohol Abuse	12.3%	36,861			
Alcohol Related Organic	0.4%	1,233			
Other Mental Disorders	0.8%	2,394			
Schizophrenic	4.2%	12,701			
Schizophreniform	0.1%	437			
Schizoaffective	1.4%	4,229			
Delusional	0.3%	802			
Other Psychotic	1.6%	4,872			
Bipolar	3.3%	10,031			
Major Depression	12.8%	38,474			
Dysthymia	2.9%	8,649			
Anxiety	4.9%	14,710			

*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-00.

**Includes incomplete data from Mecklenburg Area Program.